

## Barstow

Community meeting is scheduled for January 3, 6:00 pm at the city council chamber.

Barstow:

Yard: 7 RCO Cow/Calf SD39s 7 days/week 24' day (3 shifts)

Activity:

Service 72 locomotives/day  
Classification Yard 1550 cars/day  
Through freight 130 trains per day  
intermodal emergency only 240 lifts/year.

| Source Area | Area Description                              | Activity Description | Typical Loco. | Option Number | Description of Option   | Is the Option Feasible for BNSF?? |         |               |              |        |       | Go?    | Notes                              |
|-------------|---|----------------------|---------------|---------------|---|-----------------------------------|---------|---------------|--------------|--------|-------|--------|------------------------------------|
|             |   |                      |               |               |   | Technically                       | Legally | Operationally | Economically | Safety | Other |        |                                    |
| 1           | Movement into & out of the Yard               |                      |               |               |   |                                   |         |               |              |        |       |        |                                    |
| 1a          | Classification                                | Movement             | Road fleet    |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               | 1             | Discontinue use of area   | -                                 | -       | No            | No           | -      | -     | NO     |                                    |
|             |   |                      |               | 2             | Dedicate T2, ULEL, etc.   | Yes                               | Yes     | No            | No           | -      | -     | NO     |                                    |
|             |   |                      |               | 3             | Retrofit w/ AESS  | Yes                               | Yes     | Yes           | ?            | -      | -     | ?      | Will require more evaluation       |
|             |   |                      |               | 4             | Manual Shutdown   | Yes                               | Yes     | Yes           | Yes          | -      | -     | 05 MOU | Will require more evaluation       |
|             |   |                      |               | 5             | Use LNG units   | No                                | Yes     | No            | No           | ?      | No*   | NO     | *technical/safety/logistics issues |
|             |   |                      |               | 6             | Use CARB diesel   | Yes                               | Yes     | No            | -            | -      | -     | NO     | Cannot get CARB out of state       |
|             |   |                      |               | 7             | Use specialty fuels   | Not sure                          | Yes     | No            | Unkown       | -      | -     | NO     | biodiesel, lubrizol, purinox, etc. |
|             |   |                      |               | 8             |   |                                   |         |               |              |        |       |        |                                    |
| 1b          |   | Movement             | Local fleet   |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               | 1             | Discontinue use of area   | -                                 | -       | No            | No           | -      | -     | NO     |                                    |
|             |   |                      |               | 2             | Dedicate T2, ULEL, etc.   | Yes                               | Yes     | ?             | No           | -      | -     | NO     |                                    |
|             |   |                      |               | 3             | Retrofit w/ AESS  | Yes                               | Yes     | Yes           | ?            | -      | -     | 05 MOU |                                    |
|             |   |                      |               | 4             | Enforce shutdown policy   | Yes                               | Yes     | -             | -            | -      | -     | 05 MOU |                                    |
|             |   |                      |               | 5             | Use LNG units   | Yes                               | Yes     | No            | ?            | ?      | No*   | ?      | Hp size and fuel logistics issues  |
|             |   |                      |               | 6             | Use CARB diesel   | Yes                               | Yes     | Yes           | ?            | -      | -     | 05 MOU |                                    |
|             |   |                      |               | 7             | Use specialty fuels   | Yes                               | Yes     | No            | -            | -      | -     | NO     | biodiesel, lubrizol, purinox, etc. |
|             |   |                      |               | 8             | Use Green Goats   | Yes                               | Yes     | Maybe         | -            | -      | -     | ?      | Will require more evaluation       |
|             |   |                      |               | 9             | Use Multi Gen Set   | Yes                               | Yes     | Yes           | ?            | -      | -     | ?      | Will require more evaluation       |
| 2           | Idling & movement within identified locations |                      |               |               |   |                                   |         |               |              |        |       |        |                                    |
| 2a          | Classification                                | Idling               | Road fleet    |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Road fleet locomotives.    |                                   |         |               |              |        |       |        |                                    |
| 2b          |   | Idling               | Local fleet   |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1b for options associated with movement of Local fleet locomotives.   |                                   |         |               |              |        |       |        |                                    |
| 3           | Idling at Svc Trk, Shop & Ready Tracks        |                      |               |               |   |                                   |         |               |              |        |       |        |                                    |
| 3a          | Service Track                                 | Idling               | Mixed fleet 1 |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives. |                                   |         |               |              |        |       |        |                                    |
| 3b          | Locomotive Shop                               | Idling               | Shop fleet    |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Shop fleet locomotives.    |                                   |         |               |              |        |       |        |                                    |
| 3c          | Ready Track                                   | Idling               | Mixed fleet 1 |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives. |                                   |         |               |              |        |       |        |                                    |
|             | Movement between Svc Trk, & Locomotive Shop   |                      |               |               |   |                                   |         |               |              |        |       |        |                                    |
| 3e          | Service Track area                            | Movement             | Shop fleet    |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Shop fleet locomotives.    |                                   |         |               |              |        |       |        |                                    |
| 3f          | Shop area                                     | Movement             | Shop fleet    |               |   |                                   |         |               |              |        |       |        |                                    |
|             |   |                      |               |               | See Source Area 1a for options associated with movement of Shop fleet locomotives.    |                                   |         |               |              |        |       |        |                                    |

| Source Area | Area Description  | Activity Description | Typical Loco. | Option Number | Description of Option  | Is the Option Feasible for BNSF??? |         |               |              |        |       | Go?    | Notes   |
|-------------|---|----------------------|---------------|---------------|--|------------------------------------|---------|---------------|--------------|--------|-------|--------|---|
|             |   |                      |               |               |  | Technically                        | Legally | Operationally | Economically | Safety | Other |        |   |
|             | Testing at Svc Trk, Load Test, & Locomotive Shop                              |                      |               |               |  |                                    |         |               |              |        |       |        |   |
| 3g          | Service Track   | Testing/Inspection   | Mixed         |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               | 1             | Discontinue use of area  | -                                  | -       | No            | No           | -      | -     | NO     | Watch progress at Roseville   |
|             |   |                      |               | 2             | Ins exhaust hood/scrub   | Maybe                              | Yes     | Yes           | ?            | ?      | -     | ?      |   |
|             |   |                      |               | 3             | Relocate test area   | Yes                                | Yes     | No            | No           | -      | -     | NO     | already try to minimize time now  |
|             |   |                      |               | 4             | Modify test procedure  | Yes                                | No      | ?             | ?            | -      | -     | NO     |   |
| 3h          | Locomotive Shop   | Testing/Inspection   | Tested fleet  |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               |               | See Source Area 1 & 3g for options associated with testing/inspection fleet locomotives. |                                    |         |               |              |        |       |        |   |
| 4           | Idling of Yard Equipment (tractors/hostlers, cranes, auto transports, etc.)   |                      |               |               |  |                                    |         |               |              |        |       |        |   |
| 4a          |   | Idling               |               |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               | 1             | Discontinue use of area  | No                                 | Yes     | No            | No           | -      | -     | No     | Will require more evaluation<br>Cargo Handling Equipment Rule                           |
|             |   |                      |               | 2             | Upgrade equipment  | Yes                                | Yes     | Yes           | ?            |        |       | ?      |   |
| 4           | Movement of Yard Equipment (tractors/hostlers, cranes, auto transports, etc.) |                      |               |               |  |                                    |         |               |              |        |       |        |   |
| 4b          |   | Movement             |               |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               | 1             | Discontinue use of area  | No                                 | Yes     | No            | No           | -      | -     | No     | Will require more evaluation<br>Cargo Handling Equipment Rule                           |
|             |   |                      |               | 2             | Upgrade equipment  | Yes                                | Yes     | Yes           | ?            |        |       | ?      |   |
| 5           | Hump & Trim Operations  |                      |               |               |  |                                    |         |               |              |        |       |        |   |
| 5a          | Hump Operations   | Train Building       | Hump sets     |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               | 1             | Discontinue use of area  | -                                  | -       | No            | No           | -      | -     | NO     | 6 axle units @ curves = concern<br>assumes Goats will 'work'<br>assumes TES will 'work' |
|             |   |                      |               | 2             | Dedicate Tier 2 units  | Yes                                | Yes     | No            | No           | -      | -     | NO     |   |
|             |   |                      |               | 3             | Dedicate Green Goats   | Yes                                | Yes     | unknown       | Yes          | Yes    | -     | ?      |   |
|             |   |                      |               | 4             | Dedicate GSH's   | Yes                                | Yes     | Yes           | Yes          | Yes    | -     | YES    |   |
|             |   |                      |               | 5             | Retrofit w/ AESS   | Yes                                | Yes     | Yes           | ?            | -      | -     | 05 MOU | *technical/safety/logistics issues  |
|             |   |                      |               | 6             | Enforce shutdown policy  | Yes                                | Yes     | ?             | Yes          | -      | -     | 05 MOU |   |
|             |   |                      |               | 7             | Use LNG units  | No                                 | Yes     | No            | No           | ?      | No*   | NO     |   |
|             |   |                      |               | 8             | Use CARB diesel  | Yes                                | Yes     | No            | -            | -      | -     | 05 MOU |   |
|             |   |                      |               | 9             | Electrify the hump   | Yes                                | Yes     | ?             | No           | No     | -     | NO     |   |
|             |   |                      |               | 10            | Use specialty fuels  | Yes                                | Yes     | No            | -            |        | -     | NO     |   |
| 5b          | Trim Operations   | Train Building       | Trim sets     |               |  |                                    |         |               |              |        |       |        |   |
|             |   |                      |               |               | See Source Area 4a for options associated with Train Building at Trim operations         |                                    |         |               |              |        |       |        |   |